

friction clutch is also controlled by a second control element (31) that opens and closes a second opening (3) in the separating member (18) in accordance with the temperature sensed by one or more of secondary temperature sensors (40, 41) associated with the secondary cooling circuits (5, 6). The control of the second control element (31) is independent of control of the first control element (21).

The Katoh et al. reference discloses a drive for cooling fans in motor vehicles that includes a primary cooling circuit (as represented by the temperature sensor 19) and a single secondary circuit (as represented by the refrigerant pressure sensor 8a). The Katoh et al. reference is deficient because it does not show or suggest at least two secondary circuits, much less and at least two secondary cooling circuits as specifically claimed. The stacked heat exchangers discussed in the Katoh et al. reference relate to the primary cooling circuit and the secondary circuit discussed above. The unnumbered fins identified by the Examiner clearly do not constitute a "cooling circuit." Furthermore, there is no temperature sensor associated with such unnumbered fins.

As noted by the Examiner, the Vöcklinghaus reference merely shows a controller 13 that is responsive to a temperature sensor 14 associated with a heat exchanger 12a. The Vöcklinghaus reference does not appear to address the shortcomings of the Katoh et al. reference discussed above. Thus, the claimed invention is clearly patentable over the art of record.

Respectfully submitted,



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